

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool BLANCO Formation MV County RA
Well Name SJ 27-4 UNIT #36 MV 86527
Unit K S 36 T 27 R 4 Pay Zone 5872 To 6244 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6410 Tubing O D 1.900 I D 1.610 L 6190 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 05-08-65 To 05-16-65 SIP Measured 07-30-64

Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing (J) Tubing 1043 (k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 511 (g) Corrected 511 (h) P_f 511 (i) Gravity .679

G. L. = 4203 / 1-e^{-s} = .263 F_c 16.461 (F_cQ)² 42.916 /

(1-e^{-s}) (F_cQ)² = R² = 11287 / P_i² = 261121 / P_w² = 272408 /

Q = $\frac{398}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{1.0000}{1.0000} = 398$

D=Q $\frac{398}{1.0000} \times \left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n = \left[\frac{392293}{815441} \right]^n = \frac{(.4810)^n}{.5776} = 230$ /

REMARKS



SUMMARY

P_c = 1043 /
Q = 398 /
P_w = 522 /
P_d = 834 /
D = 230 /

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS CO

H.L. KENDRICK

AREA GAS WELL TEST ENGINEER

65161

86527

3724

